



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:**

Rita J. Klein

**Serial No.:** 10/644,186

**Filed:** August 20, 2003

**For:** ELECTROLESS DEPOSITION OF  
DOPED NOBLE METALS AND NOBLE  
METAL ALLOYS

**Confirmation No.:** 5692

**Examiner:** T. Le

**Group Art Unit:** 2818

**Attorney Docket No.:** 2269-4377.3US  
(99-1120.03/US)

**NOTICE OF EXPRESS MAILING**

Express Mail Mailing Label Number: EL995990744US

Date of Deposit with USPS: December 6, 2005

Person making Deposit: Timothy Palfreyman

**COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE**

Mail Stop Issue Fee  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

The Examiner indicates:

None of the references of record teaches or suggests the claimed limitations having a semiconductor device or method of forming the semiconductor device comprising an oxidation barrier, the oxidation barrier comprising a doped metal or doped metal alloy layer co-deposited by electroless plating (Claims 1-17), and none of the references of record teaches or suggests the claimed limitations having a semiconductor device comprising an electroless plating bath for depositing an oxidation barrier on a semiconductor device wherein the bath comprising at least one of dimethylamineborane and potassium borohydride (claims 18-19, 21).

Serial No. 10/644,186

Applicant concurs with the reasons as stated by the Examiner insofar as they comprise a summary, and are exemplary and not limiting. However, the independent claims as allowed include other and different language than that specified by the Examiner, and the allowed dependent claims include other and further features and elements. Accordingly, the scope of the claims must be determined from the literal language of each as a whole, as well as equivalents thereof.

Respectfully submitted,



Krista Weber Powell  
Registration No. 47,867  
Attorney for Applicant  
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Salt Lake City, Utah 84110-2550  
Telephone: 801-532-1922

Date: December 6, 2005

KWP/dlm:lmh  
Document in ProLaw



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**Notice of Allowance Mailed:**

September 7, 2005

**NOTICE OF EXPRESS MAILING**

Express Mail Mailing Label Number: EL995990744US

Date of Deposit with USPS: December 6, 2005

Person making Deposit: Timothy Palfreyman

**TRANSMITTAL LETTER**

Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicant submits herewith Part B - Fee(s) Transmittal for the above-captioned application and a check in the amount of \$1,715.00 in payment therefor plus five (5) copies of the patent when issued.

Also enclosed are Amendment Pursuant to 37 C.F.R. § 1.312(a) with attached Replacement Sheet (1 sheet) and Annotated Sheet Showing Changes (1 sheet); Comments on

Statement of Reasons for Allowance; and Fee Addressee for Receipt of PTO Notices Relating to Maintenance Fees.

Applicant understands that no additional fees are required. However, if the Office determines that any comparison fees or other additional fees are required, the Commissioner is authorized to charge any such fees to TraskBritt Deposit Account No. 20-1469. A copy of this Transmittal Letter is enclosed for deposit account charging purposes.

Respectfully submitted,



Krista Weber Powell  
Registration No. 47,867  
Attorney for Applicant  
TRASKBRITT  
P.O. Box 2550  
Salt Lake City, Utah 84110-2550  
Telephone: 801-532-1922

Date: December 6, 2005

KWP/dlm:lmh

Enclosures: Part B - Issue Fee Transmittal

Check No. 22306 in the amount of \$1,715.00

Copy of Transmittal Letter

Amendment Pursuant to 37 C.F.R. § 1.312(a) (11 pages) with attached

Replacement Sheet (1 sheet) and Annotated Sheet Showing Changes (1 sheet)

Comments on Statement of Reasons for Allowance (2 pages)

Fee Addressee for Receipt of PTO Notices Relating to Maintenance Fees (2 pages)

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